

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. to 3. (Canceled).

4. (Currently Amended) A supported catalyst for a cathode of fuel cells, comprising:

an electroconductive, porous carrier having micropores; and

~~the catalyst particle according to claim 1, particles~~ positioned in the pores of the carrier comprising an alloy selected from the group consisting of Cd and Au; Cd and Ag; Cd and Cu; Cd and Ni; Cd and Pd; Cd and Pt; Zn and Au; Zn and Ag; Zn and Cu; Zn and Ni; Cu and Pd; and Ag and Pt, wherein the alloy has a stronger oxygen-binding force than platinum or a weaker hydrogen-binding force than platinum.

5 to 12. (Canceled).

13. (Previously Presented) The supported catalyst according to claim 4, wherein the alloy has a stronger oxygen-binding force than platinum and a weaker hydrogen-binding force than platinum.

14. (Canceled).

15. (Previously Presented) The supported catalyst according to claim 4, wherein the carrier is activated carbon, graphite, mesoporous carbon powder or carbon nano tube.

16. (Currently Amended) A fuel cell comprising:
a cathode;
an anode; and
an electrolyte membrane being placed between the cathode and the anode,
wherein the cathode comprises the supported catalyst ~~according to claim 4~~ which comprises an electroconductive, porous carrier having micropores; and catalyst particles positioned in the pores of the carrier comprising an alloy selected from the group consisting of Cd and Au; Cd and Ag; Cd and Cu; Cd and Ni; Cd and Pd; Cd and Pt; Zn and Au; Zn and Ag; Zn and Cu; Zn and Ni; Cu and Pd; and Ag and Pt, wherein the alloy has a stronger oxygen-binding force than platinum or a weaker hydrogen-binding force than platinum.

17. (Previously Presented) The fuel cell according to claim 16, wherein the alloy has a stronger oxygen-binding force than platinum and a weaker hydrogen-binding force than platinum.

18. (Canceled).

19. (Previously Presented) The fuel cell according to claim 16, wherein the carrier is activated carbon, graphite, mesoporous carbon powder or carbon nano tube.

20. (Canceled).

21. (Canceled).

22. (Previously Presented) The supported catalyst according to claim 4, wherein the oxygen-binding energy is at least 4.5 eV and/or the hydrogen-binding energy is at most 2.5 eV.

23. (Previously Presented) The supported catalyst according to claim 4, wherein the alloy comprises three or more metals, wherein the alloy further comprises Co, Ni, Rh, Pd, Pt, Cu, Ag, Au, Zn and/or Cd.

24. (Previously Presented) The fuel cell according to claim 16, wherein the oxygen-binding energy is at least 4.5 eV and/or the hydrogen-binding energy is at most 2.5 eV.

25. (Previously Presented) The fuel cell according to claim 16, wherein the alloy comprises three or more metals, wherein the alloy further comprises Co, Ni, Rh, Pd, Pt, Cu, Ag, Au, Zn and/or Cd.

26. (Canceled).

27. (Canceled).